

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW112221\
 Data File : VW020936.D
 Acq On : 22 Nov 2021 15:00
 Operator : SY/VA
 Sample : M4758-19
 Misc : 5.03g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 TP10

Quant Time: Nov 23 02:24:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:03:38 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

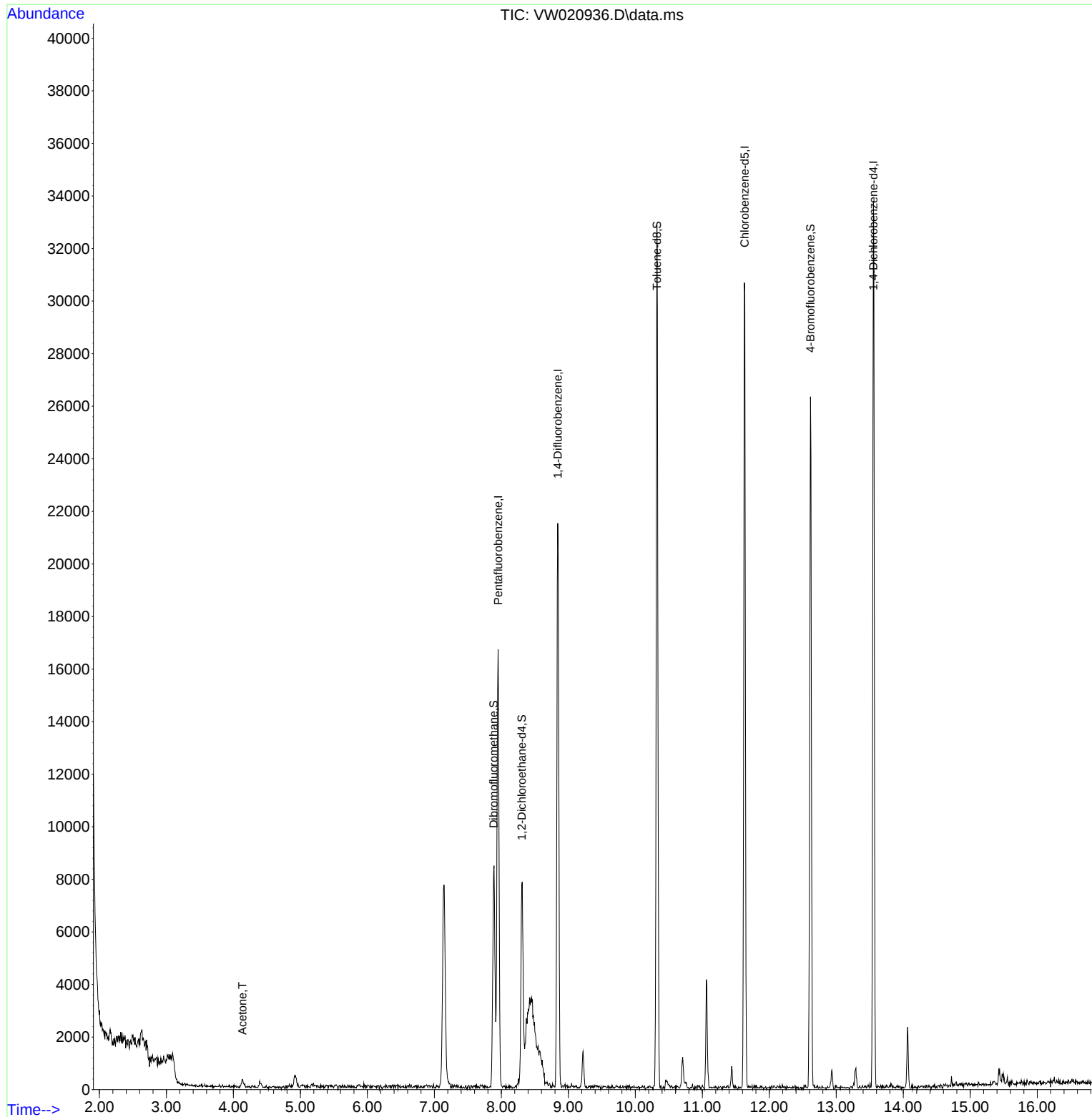
Internal Standards						
1) Pentafluorobenzene	7.952	168	13229	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	19359	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	17413	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	9329	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	6198	50.579	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	101.160%
35) Dibromofluoromethane	7.885	113	5986	49.296	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.600%
50) Toluene-d8	10.323	98	21547	48.381	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.760%
62) 4-Bromofluorobenzene	12.615	95	7426	44.710	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.420%
Target Compounds						
16) Acetone	4.135	43	510	20.022	ug/l	Qvalue # 88

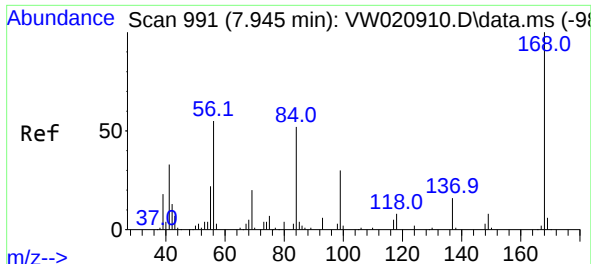
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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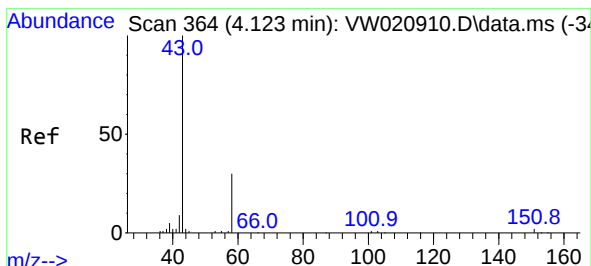
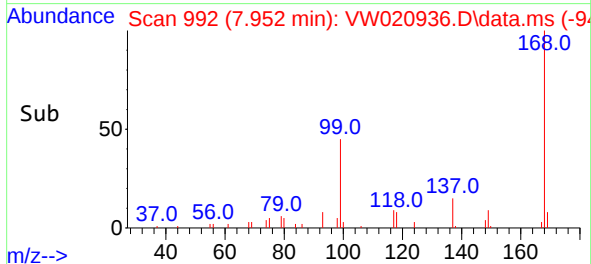
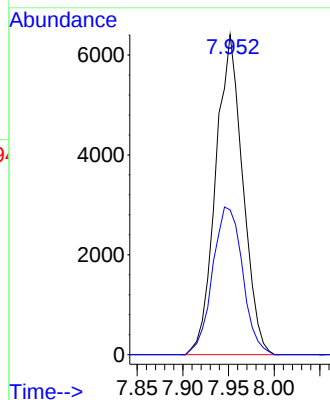
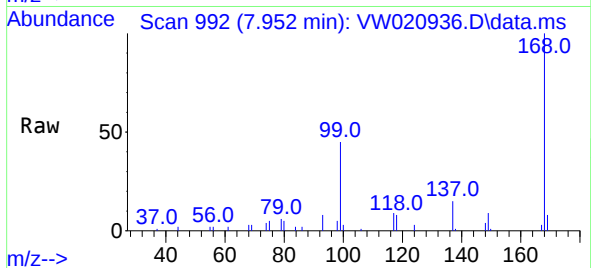




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 991
Delta R.T. 0.007 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

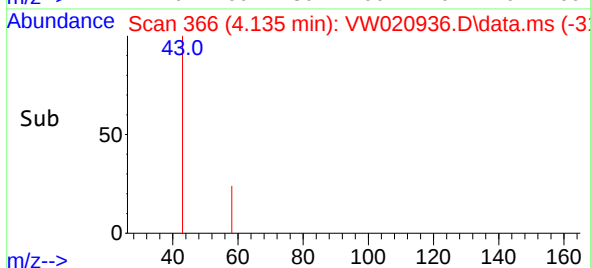
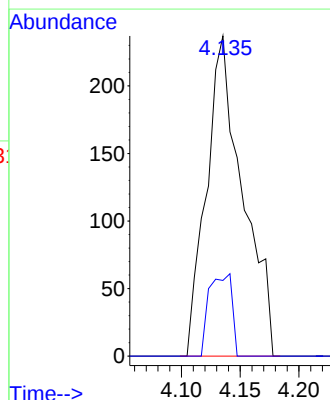
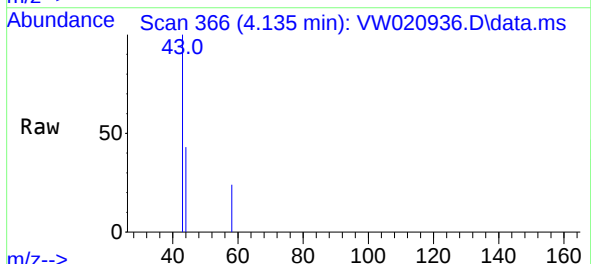
Instrument :
MSVOA_W
ClientSampleId :
TP10

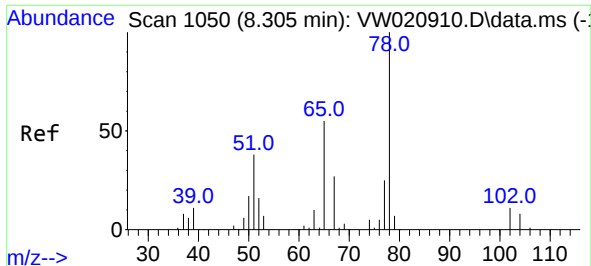
Tgt Ion:168 Resp: 13229
Ion Ratio Lower Upper
168 100
99 45.3 41.6 62.4



#16
Acetone
Concen: 20.022 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

Tgt Ion: 43 Resp: 510
Ion Ratio Lower Upper
43 100
58 23.6 24.2 36.2#





#33

1,2-Dichloroethane-d4

Concen: 50.579 ug/l

RT: 8.305 min Scan# 1050

Delta R.T. 0.000 min

Lab File: VW020936.D

Acq: 22 Nov 2021 15:00

Instrument :

MSVOA_W

ClientSampleId :

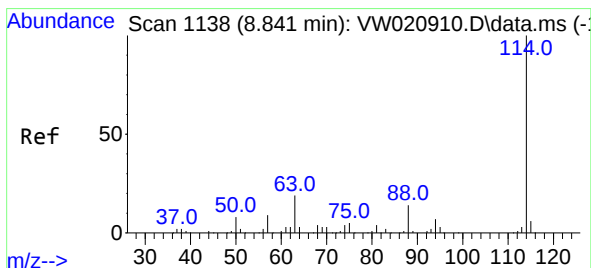
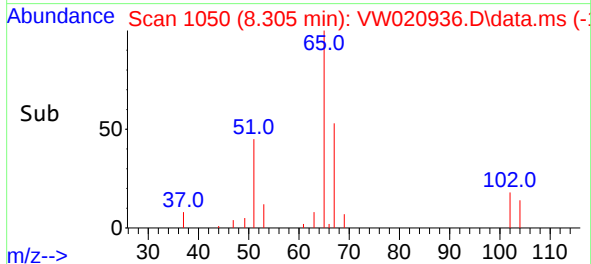
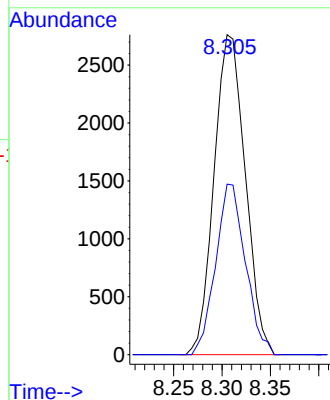
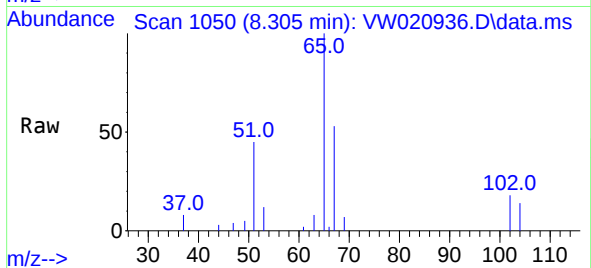
TP10

Tgt Ion: 65 Resp: 6198

Ion Ratio Lower Upper

65 100

67 51.0 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.842 min Scan# 1138

Delta R.T. 0.000 min

Lab File: VW020936.D

Acq: 22 Nov 2021 15:00

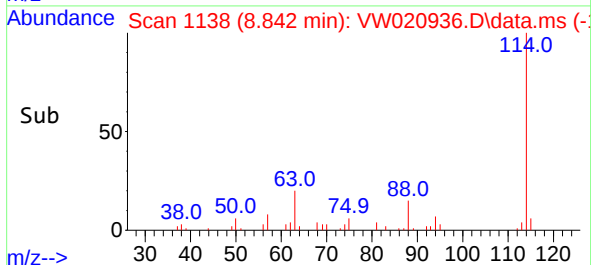
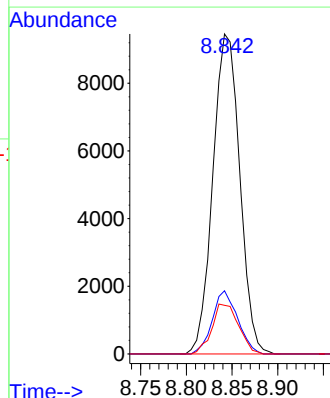
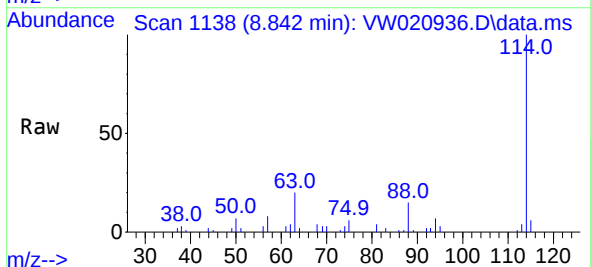
Tgt Ion: 114 Resp: 19359

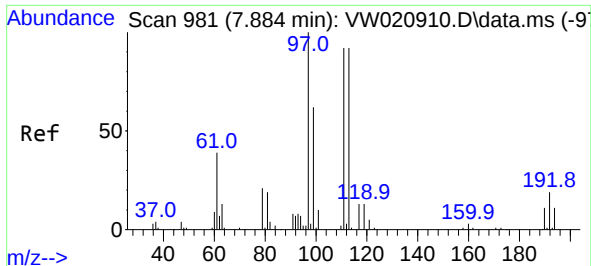
Ion Ratio Lower Upper

114 100

63 19.8 0.0 37.2

88 15.2 0.0 28.8

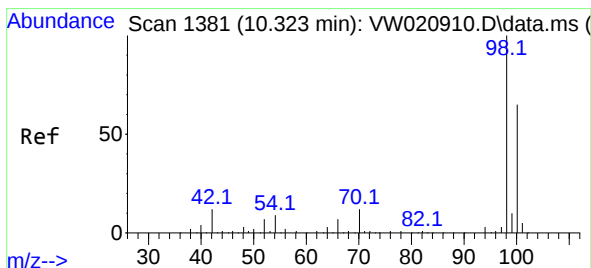
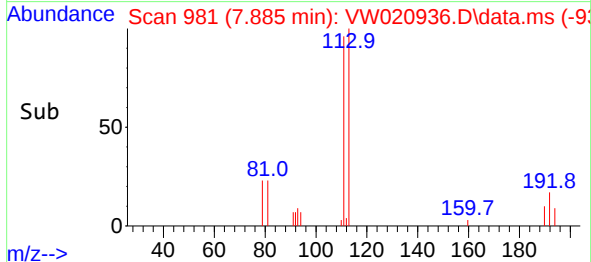
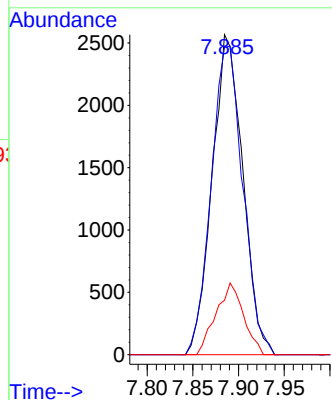
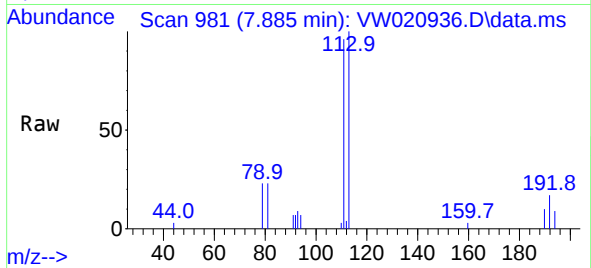




#35
Dibromofluoromethane
Concen: 49.296 ug/l
RT: 7.885 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

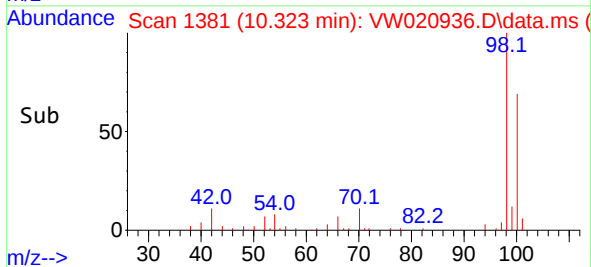
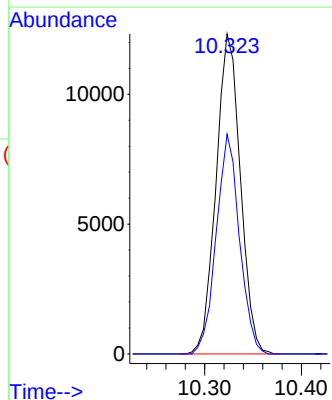
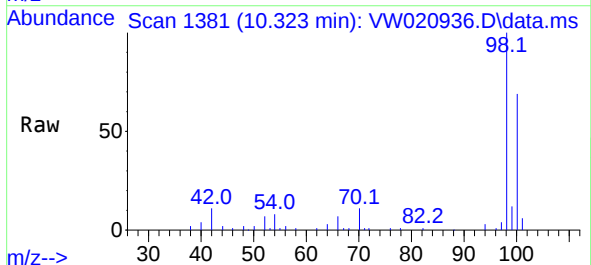
Instrument :
MSVOA_W
ClientSampleId :
TP10

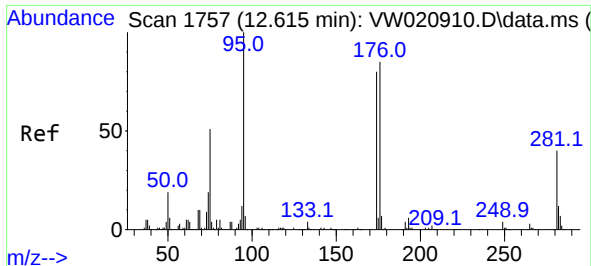
Tgt Ion:113 Resp: 5986
Ion Ratio Lower Upper
113 100
111 99.6 81.2 121.8
192 20.1 16.8 25.2



#50
Toluene-d8
Concen: 48.381 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

Tgt Ion: 98 Resp: 21547
Ion Ratio Lower Upper
98 100
100 65.4 52.6 79.0

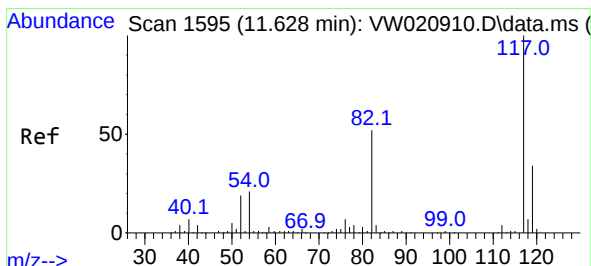
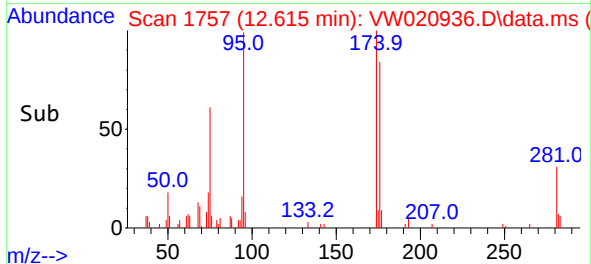
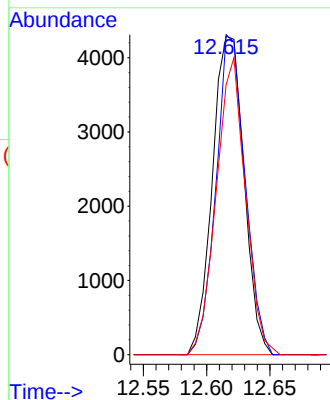
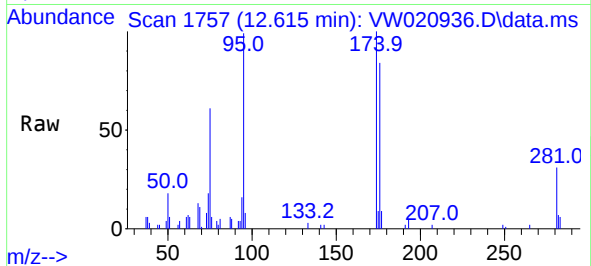




#62
4-Bromofluorobenzene
Concen: 44.710 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

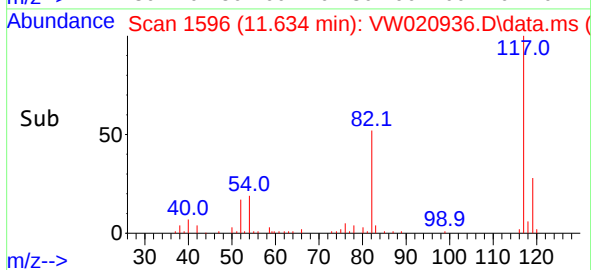
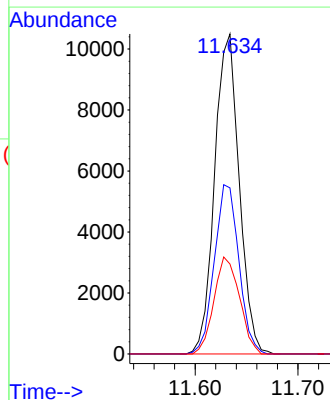
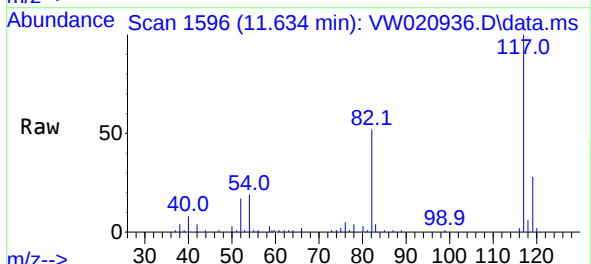
Instrument :
MSVOA_W
ClientSampleId :
TP10

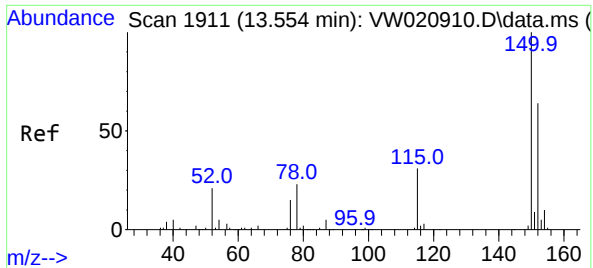
Tgt Ion:	95	Resp:	7426
Ion	Ratio	Lower	Upper
95	100		
174	93.0	0.0	171.2
176	86.4	0.0	175.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020936.D
Acq: 22 Nov 2021 15:00

Tgt Ion:	117	Resp:	17413
Ion	Ratio	Lower	Upper
117	100		
82	51.9	41.4	62.2
119	28.1	27.2	40.8





1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.554 min Scan# 1911
 Delta R.T. 0.000 min
 Lab File: VW020936.D
 Acq: 22 Nov 2021 15:00

Instrument :
 MSVOA_W
 ClientSampleId :
 TP10

Tgt Ion:	152	Resp:	9329
Ion	Ratio	Lower	Upper
152	100		
115	54.9	27.8	83.3
150	149.0	0.0	348.4

